

OPFOR

Tactical Engagement

Simulation (TES)

Program

CPT Edward
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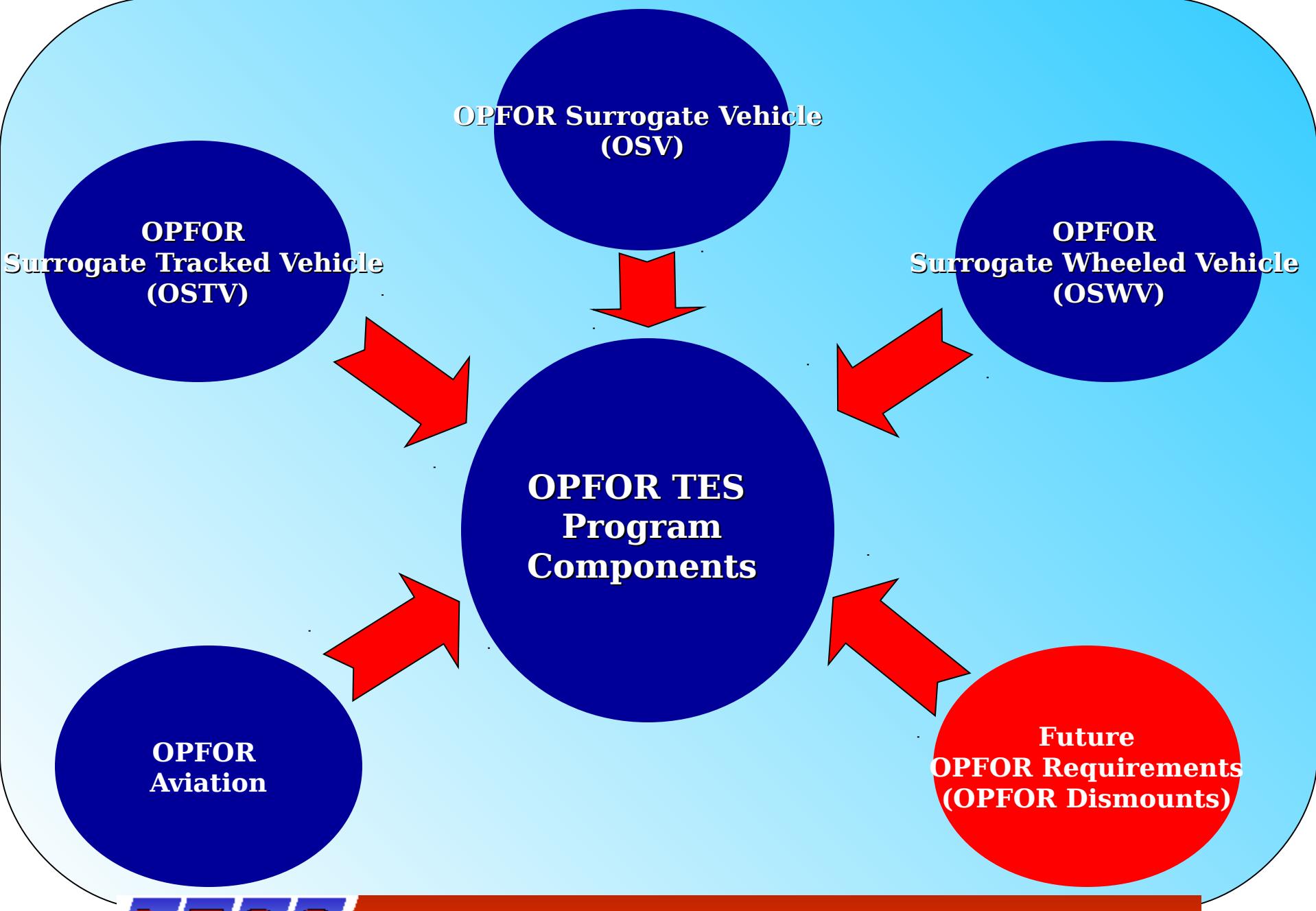
CPT Mike Lofton
Training Support - the Army's Advantage

Agenda

- OPFOR Tactical Engagement Simulation (TES) Role
- OPFOR TES Program Components
- OPFOR Component Updates
- Conclusion

OPFOR TES Role







OPFOR TES Program Component Updates



OSV/BMP-2



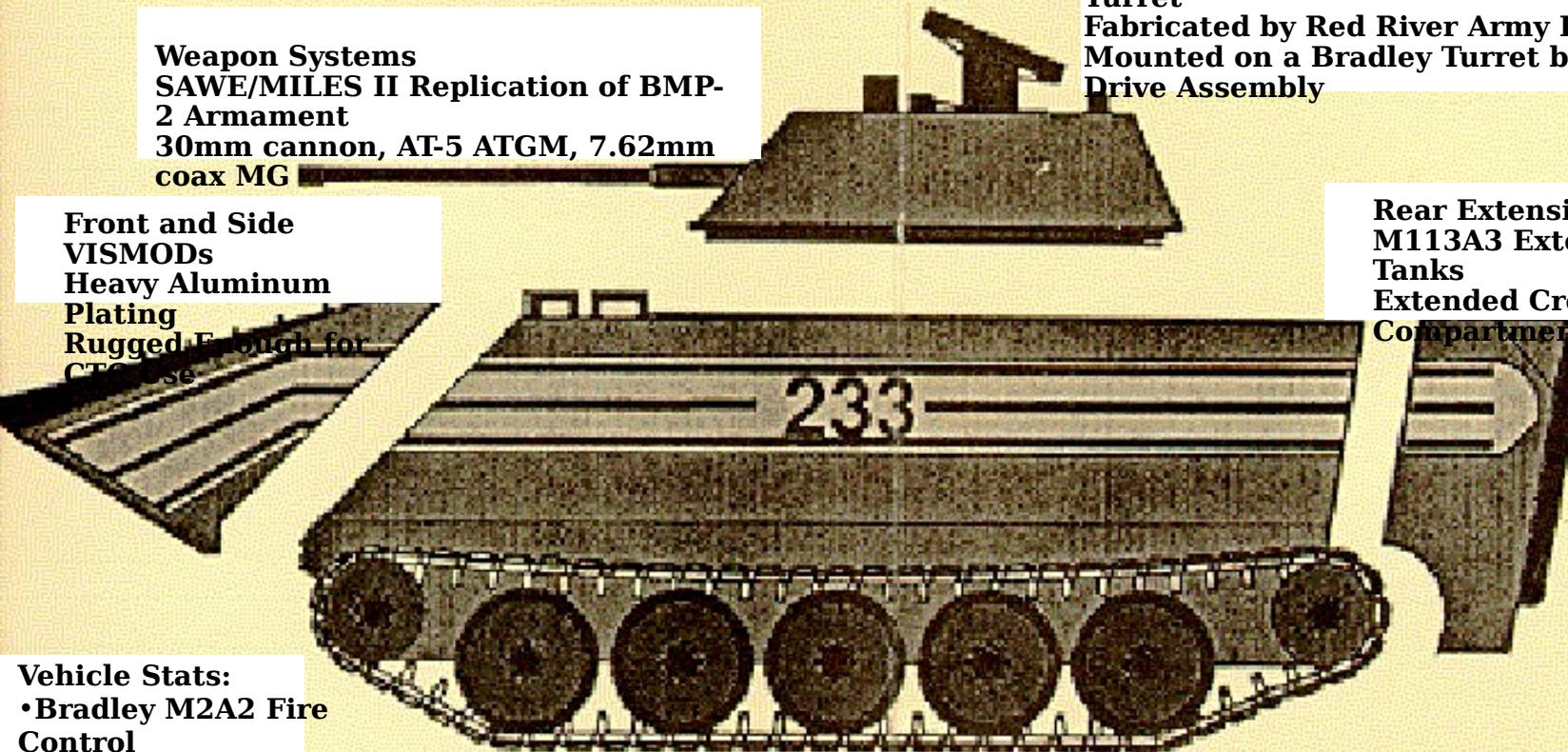
OSV Statistics

Weapon Systems
SAWE/MILES II Replication of BMP-2 Armament
30mm cannon, AT-5 ATGM, 7.62mm coax MG

Front and Side
VISMODs
Heavy Aluminum Plating
Rugged Enough for CTC Use

Turret
Fabricated by Red River Army Depot
Mounted on a Bradley Turret basket and Drive Assembly

Rear Extension
M113A3 External Fuel Tanks
Extended Crew Compartment



Vehicle Stats:

- Bradley M2A2 Fire Control
- Excess M60 Sights
- 3 man crew
- Carries 5 dismounts
- Max Speed 41 MPH

<http://www.stricom.army.mil/PRODUCTS/OS>

V/

Training Support - the Army's Advantage

OSV Program Status

- Currently being fielded
- 332 vehicles programmed/ 196 vehicles funded
- Completes NTC-160/ JRTC-36
- CMTC vehicles unfunded on current TMA
- CMTC requirement 136

OSTV Program Status

- **Unfunded on current TMA**
- **Current Requirement:**
 - NTC-63, CMTC/JRTC 41 each
- **ATMD Memo changing requirements**
- **STRICOM Feasibility Study Results**

OPFOR Aviation Program

Status

- Unfunded on current TMA
- Draft ORD status
- Feasibility Study- STRICOM calculating cost
- ORD Components
 - Attack Helo
 - Assault Helo
 - Unmanned Aerial Vehicle (UAV)
 - Cruise Missile

OSWV Program Status

- Unfunded on current TMA
- ORD validated but not approved
- Feasibility Study- STRICOM calculating cost
- ORD Components
 - Wheeled Armed Reconnaissance Vehicle
 - Wheeled Armored Personnel Carrier

Future OPFOR Systems

Methodology

- Army Science and Technology Plan (309 initiatives, projects, demonstrations)
- Live Training Sustainment, Integration and Synchronization (LTSIS) Final Report
- 11 Integrated Projects (111 capabilities)

11 Integrated Projects in the LTSIS

- The Ground Target Project.
- The Air Target Project.
- The Electronic Warfare Project.
- The NBC Project.
- The Engineer Warfare and Mine Project.
- The Ground - Ground Engagement Replication Project.
- The Ground-Air Engagement Replication Project.
- The Air-Air/Air-Ground Engagement Replication Project.
- The Smart Weapons Engagement Replication Project.

Future mounted and dismounted OPFOR

systems

- Need to accurately replicate hostile opponents on the battlefield.
- TES and IS improvements made to sustain live training capabilities will support both BLUFOR and OPFOR.
- Distinctive OPFOR appearance and signatures required remain in the areas of visual, aural, thermal,

Future OPFOR Requirements

- U.S. Weapon Systems
 - Possess advanced guidance & target seeking sensors.
 - Require thermal, radar and acoustic signatures
 - C4I systems require realistic OPFOR signatures.

OPFOR Modernization

Plan

- Field or simulate an array of reliable, maintainable threat capabilities that possess the fidelity necessary to stimulate advanced battlefield systems.
- This standardized OPFOR capability will be supportable and will have adequate life cycle to train analog and digitized units for the foreseeable future.



Training...giving the Army's advantage

Initiatives for FY 07 and beyond

- OPFOR capability at homestation.
- Integration of the live, virtual, and constructive domains creating the STE.
- A common TES that replicate OPFOR and BLUFOR signatures.

QUESTIONS



JRTC



NTC

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